

FIG.

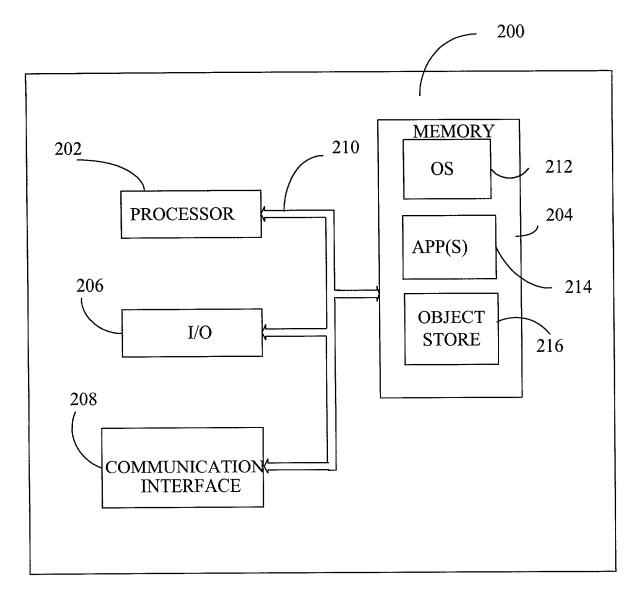


FIG. 2

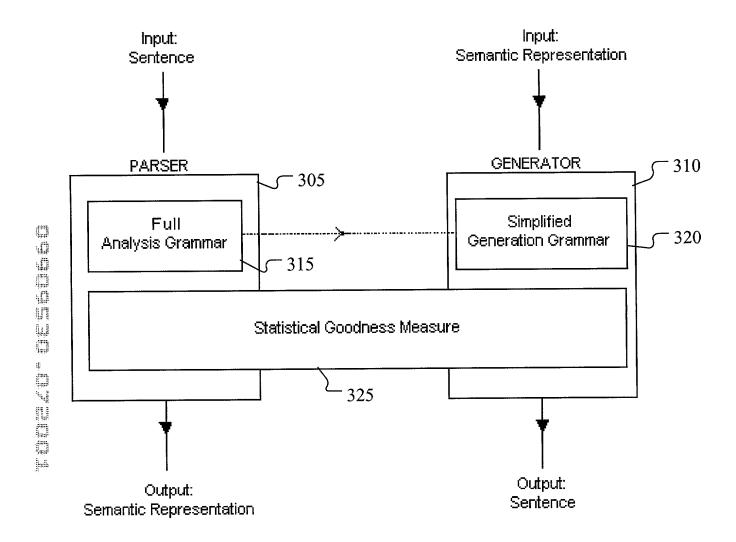


FIG. 3

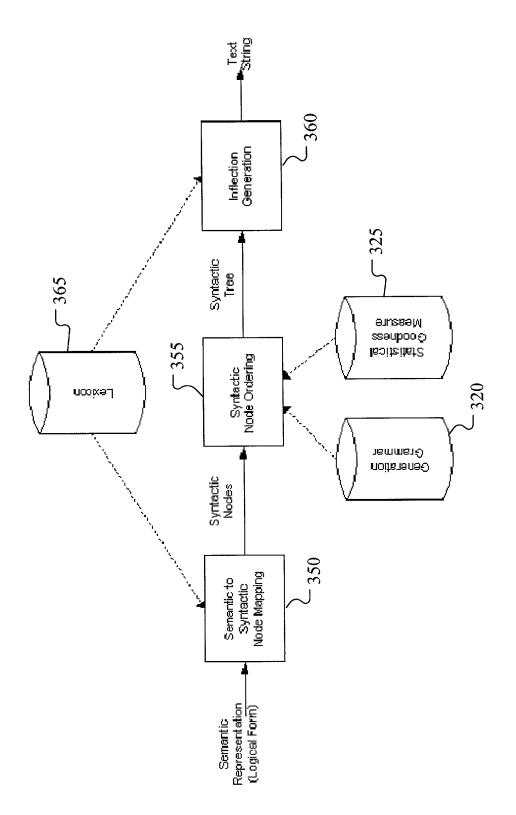


FIG. 4

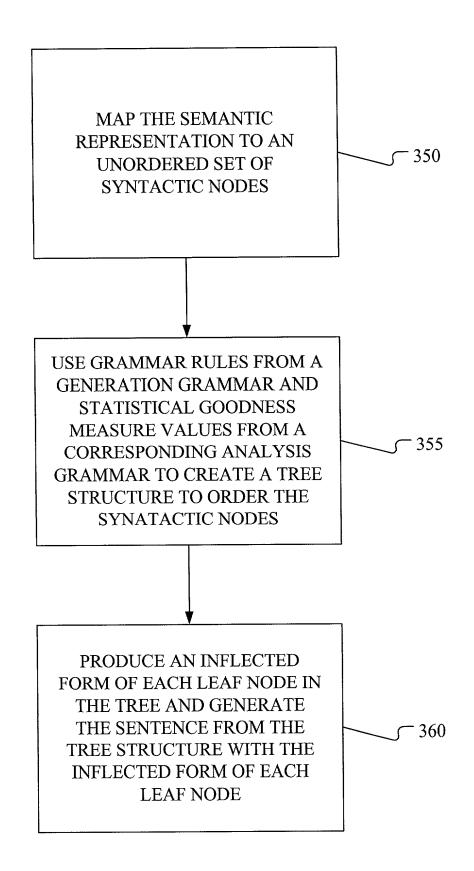


FIG. 5

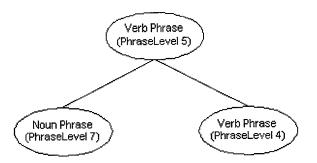


FIG. 6

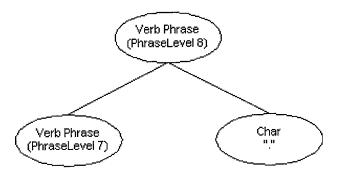


FIG. 8

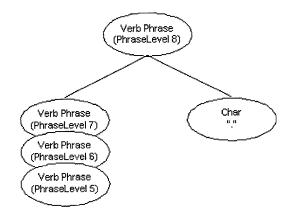
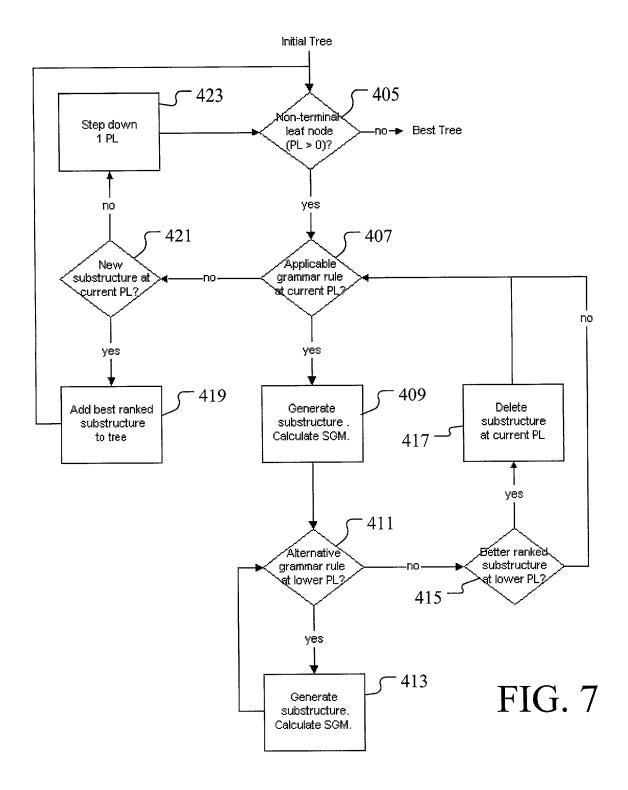


FIG. 9



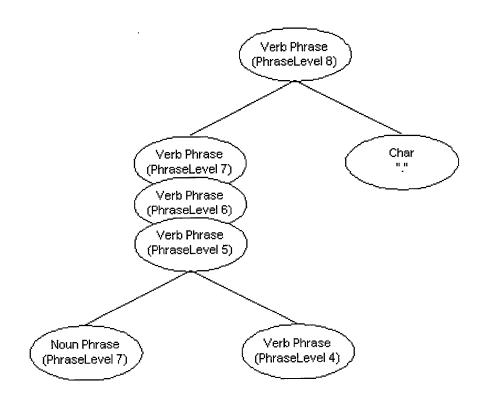


FIG. 10

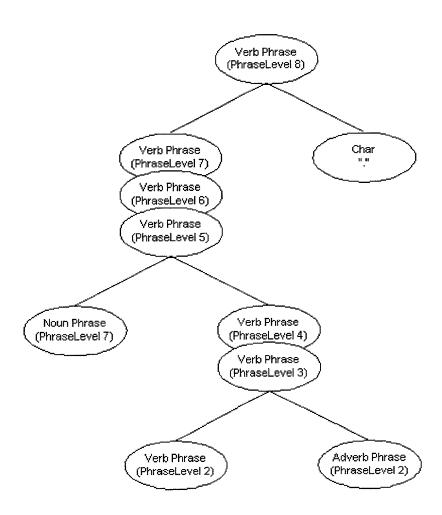


FIG. 11

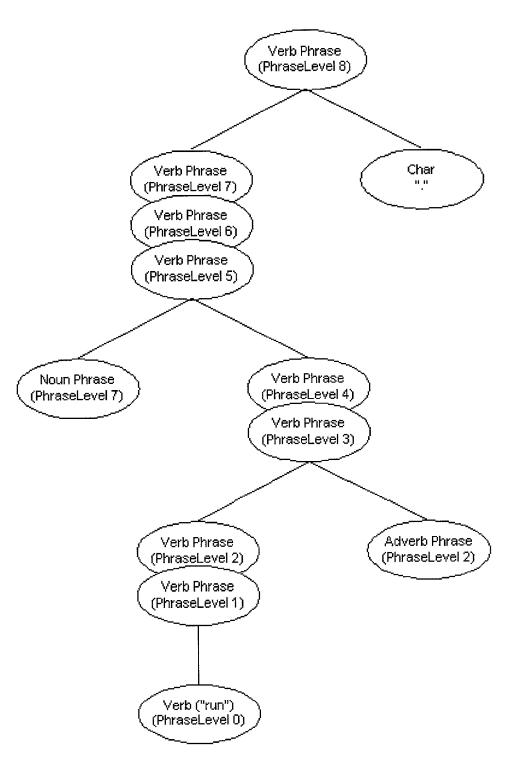


FIG. 12

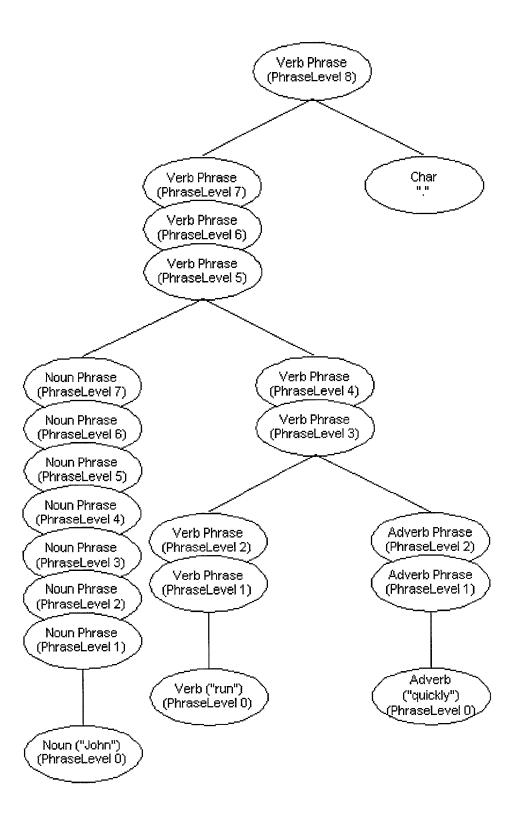


FIG. 13

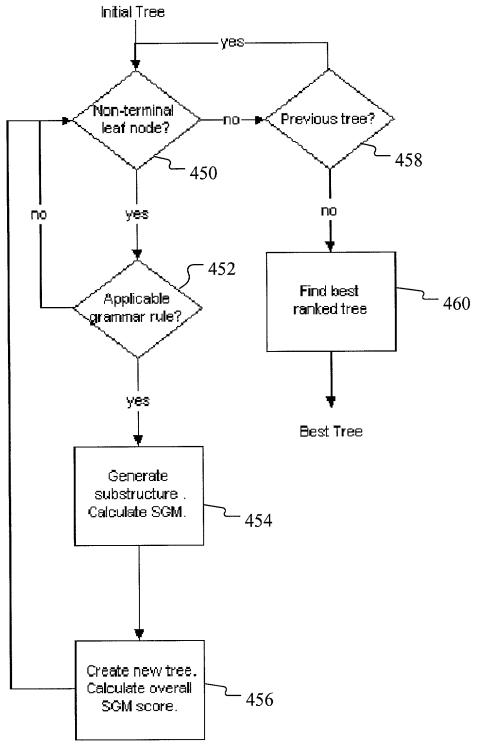


FIG. 14

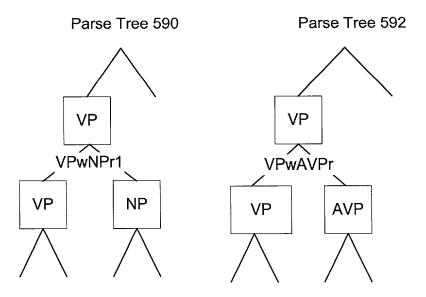
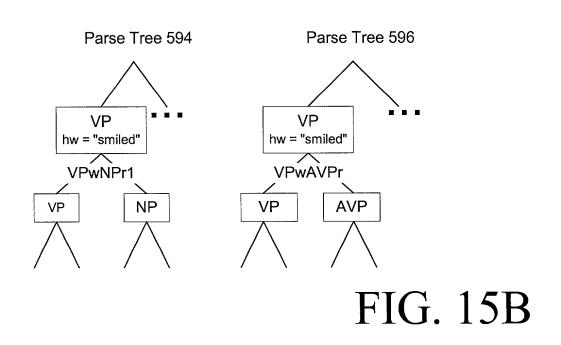
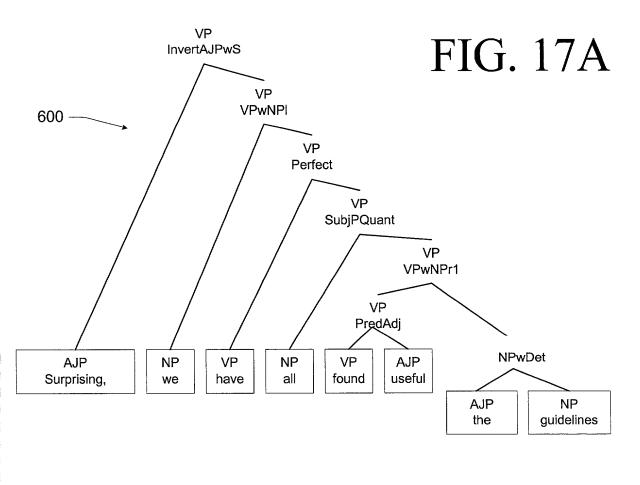


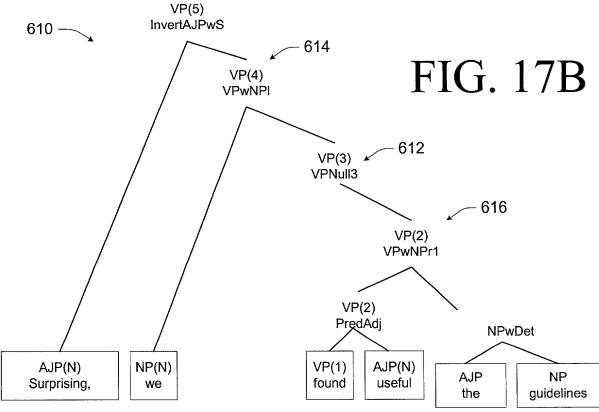
FIG. 15A



Rule Name	Rule				Description (and an example)
VERBtoVP	VP	1	VERB		Promote a verb into a verb phrase
G 11 4 11 11 11 11 11 11 11 11 11 11 11 1	4.5	,			Add on an adjective.
FredAdj	> ዣ	↑	VF A	AJF	"It has been <u>found</u> effective"
die die					Add direct object to a VP
VPWNPrI	<u>У</u>	↑	Y N		"I <u>hit Bill</u> "
	5				Adds the VP "have" to a VP
Periect	7 7	↑	VF		"Joe <u>had gone"</u>
					Add quantifiers to the VP like "all", "both",
SubjPQuant	VP	↑	NP V	VP	:
					"The children have all gone"
17. A.D.	473	,		(1)	Add noun subject to a VP
V FWINF!	۲ ۲	↑			"John jumped."
G1.:4 TD	Ę	,	/X 01 4	770	Add AJP subject to a VP
SubjectAJF	Y >	↑			"More surprising is his attitude"
7 CT 4	<u> </u>			67	Add final modifier, AJP, to the left of a VP
InvertAJFWS VF	٧ ۲	1	AJF	4	"More remarkable still, he went"
F. 15.21.	<u> </u>	,		V.D	Add object of VP, NP, to the left of a VP
l opicanzauon v F	У Д	↑	> -		"A better-looking man I have not seen"

FIG. 16





Phrase				
Level	Rule Name	Rule		Level Description
	VERBtoVP	VP(1) →	VERB(PL_Verb_Max)	Create a VP
	PredAdj	$VP(2) \rightarrow$	VP(1) AJP(PL_AJP_Max)	
2	VPwNPr1	$VP(2) \rightarrow$	VP(1) NP(PL_AJP_Max)	Add post modifiers
	VPNull2	VP(2) →	VP(1)	
	Perfect	$VP(3) \rightarrow$	VP(1) $VP(2,3)$	
3	SubjPQuant	VP(3)→	NP(PL_NP_Max) VP(2,3)	Add "have" and quantifiers
	VPNull3	VP(3) →	VP(2)	
	VPwNPI	VP(4) →	NP(PL_NP_Max) VP(3)	
4	SubjectAJP	VP(4) →	AJP(PL_AJP_Max) VP(3)	Add subject
	VPNull4	VP(4) →	VP(3)	
	InvertAJPwS	VP(5) →	AJP(PL_AJP_Max) VP(4)	Add modifiers to VPs that
2	Topicalization	VP(5) →	NP(PL_NP_Max) VP(4)	have a subject
	VPNul15	VP(5) →	VP(4)	

FIG. 18

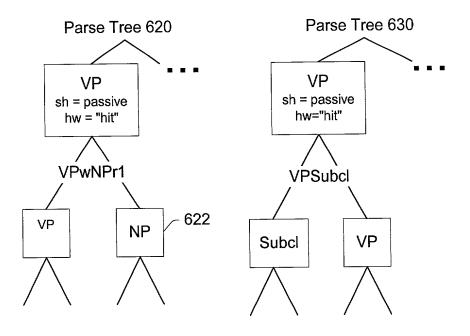


FIG. 19

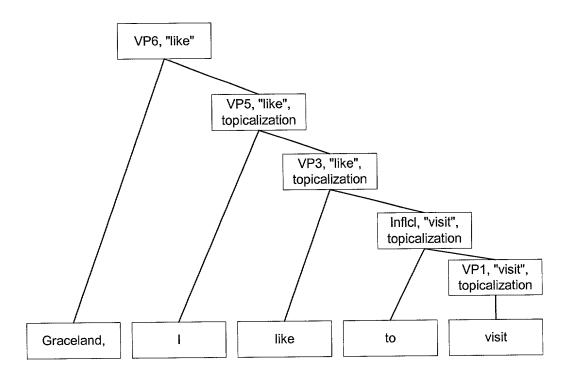


FIG. 20

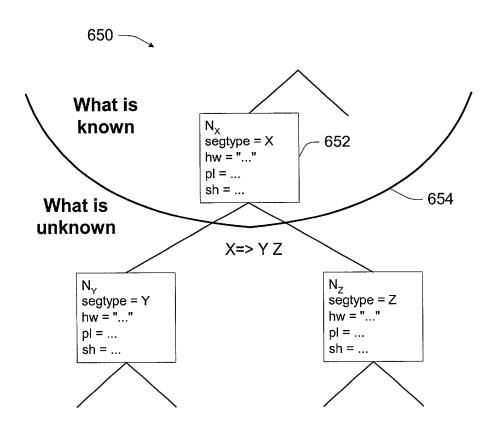


FIG. 21